Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 8.0.2
Input Device:	Carousel	Date:	10/31/2018 01:04 PM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product:	CST Setup Beads	Part #:	910859
Lot ID:	72756	Expiration Date:	10/31/2019
Bead Lot Information:	Available		

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	613	125000	N/A	2.04	129741	2.08	21376	3.74
Blue	F	SSC	568	125000	N/A	3.71	113203	3.65	50888	3.20
Blue	E	FITC	561	15492	N/A	3.84	360	21.89	59	76.03
Blue	D	PE	560	28736	N/A	3.08	632	16.39	124	59.67
Blue	B	PerCP-Cy5-5	667	41413	N/A	4.59	1137	23.39	209	58.01
Blue	A	PE-Cy7	722	31321	N/A	7.26	564	49.15	111	121.86
Red	C	APC	601	41673	N/A	2.93	1608	13.12	369	28.29
Red	A	APC-Cy7	576	29962	N/A	2.82	750	13.70	186	31.01
Violet	B	V450	477	8318	N/A	4.66	461	14.61	68	69.35
Violet	A	V500	494	34199	N/A	4.42	820	11.22	117	39.16

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.7	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.0110	-14.3	N/A	N/A	N/A
Blue	E	FITC	125	235747	7.3737	-16.1	24.8	0.0162	218
Blue	D	PE	81	234675	7.2925	-15.6	24.8	0.1396	341
Blue	B	PerCP-Cy5-5	121	229639	7.3539	-16.2	27.0	0.0071	80
Blue	A	PE-Cy7	98	229449	7.4370	-16.8	26.8	0.0086	24
Red	C	APC	163	234838	7.3986	-15.9	19.8	0.0203	162
Red	A	APC-Cy7	84	237161	7.4354	-16.0	19.9	0.0049	1154
Violet	B	V450	141	239955	7.3894	-15.9	18.0	0.0428	2226
Violet	A	V500	78	243393	7.5811	-15.9	19.7	0.0209	1223

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Guidelines (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.98 - 71.98	N/A	N/A	-32.24	-31.97	1.11
Blue	20.35	16.27 - 24.41	1.28	0.99 - 1.49	0.00	0.00	1.52
Red	17.35	13.60 - 20.40	N/A	N/A	29.39	29.63	1.22

Window Extension: 7.00
FSC Area Scaling Factor: 0.92

Threshold

Threshold (FSC): 12350

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.60
Spec.: 3.80 - 4.00

Comments

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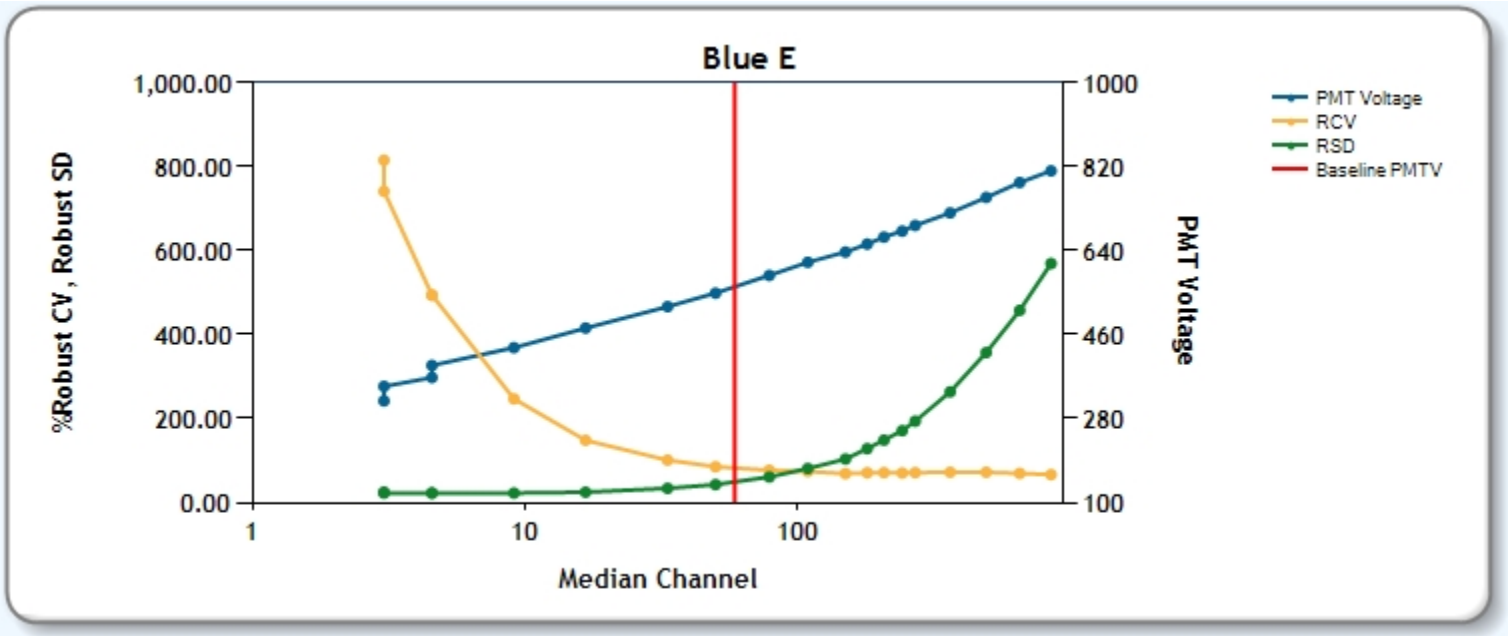
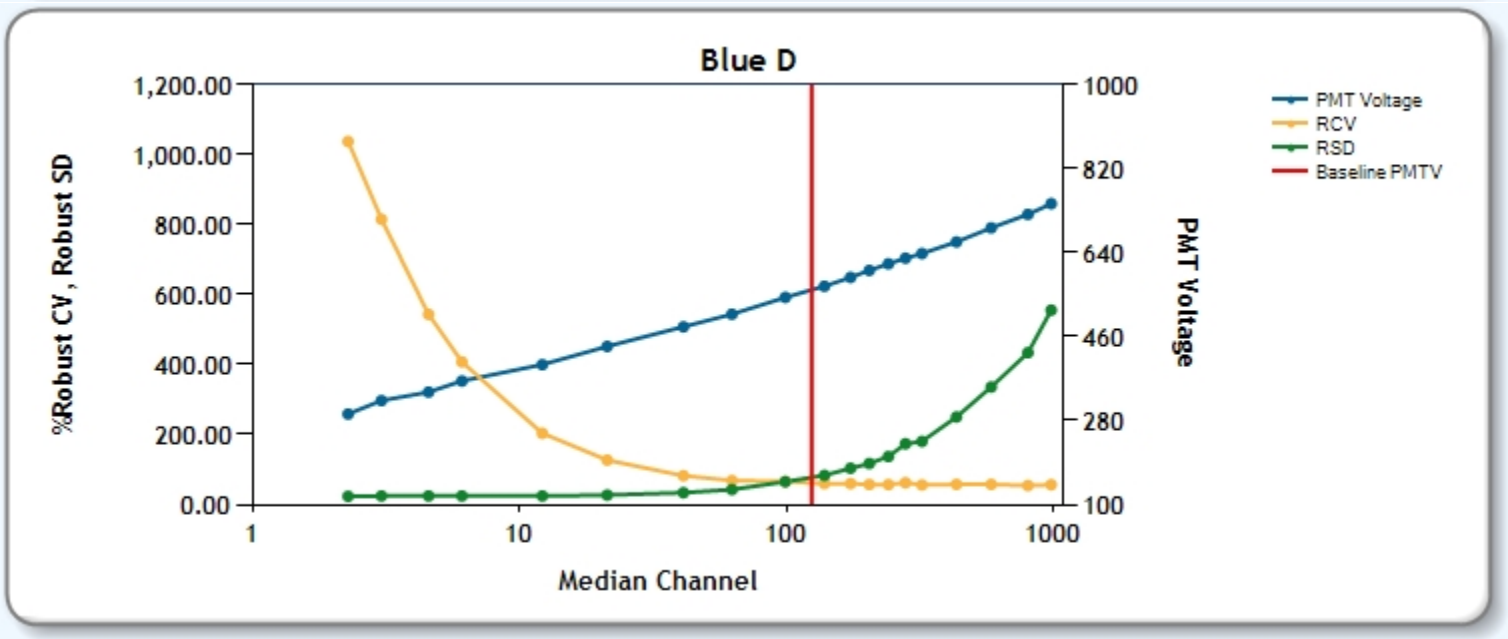
PMTV Optimization Results





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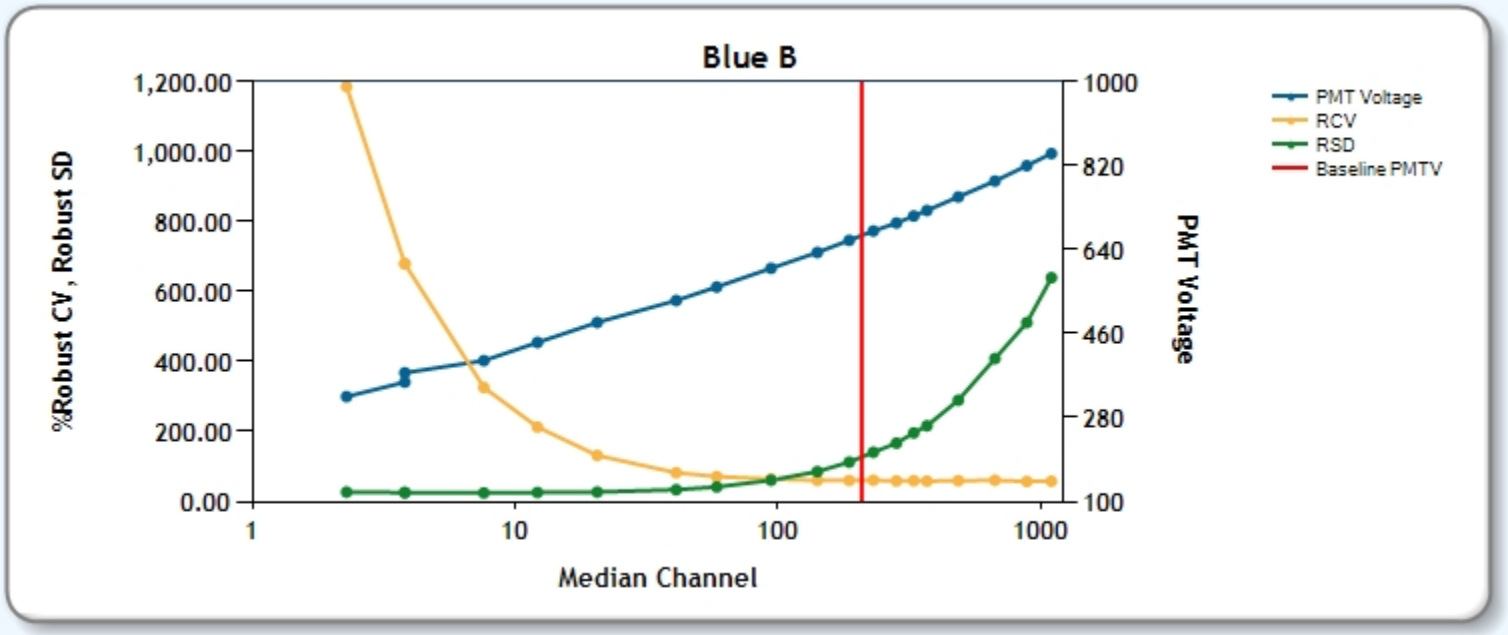

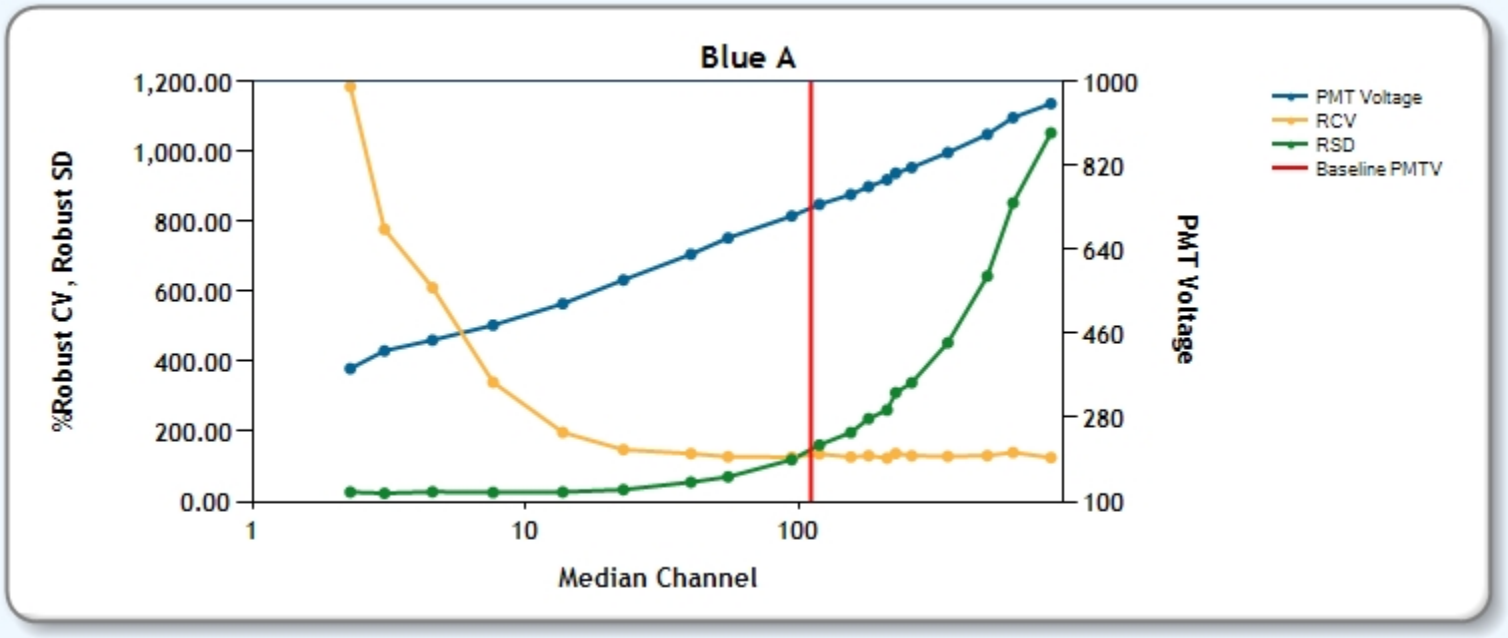

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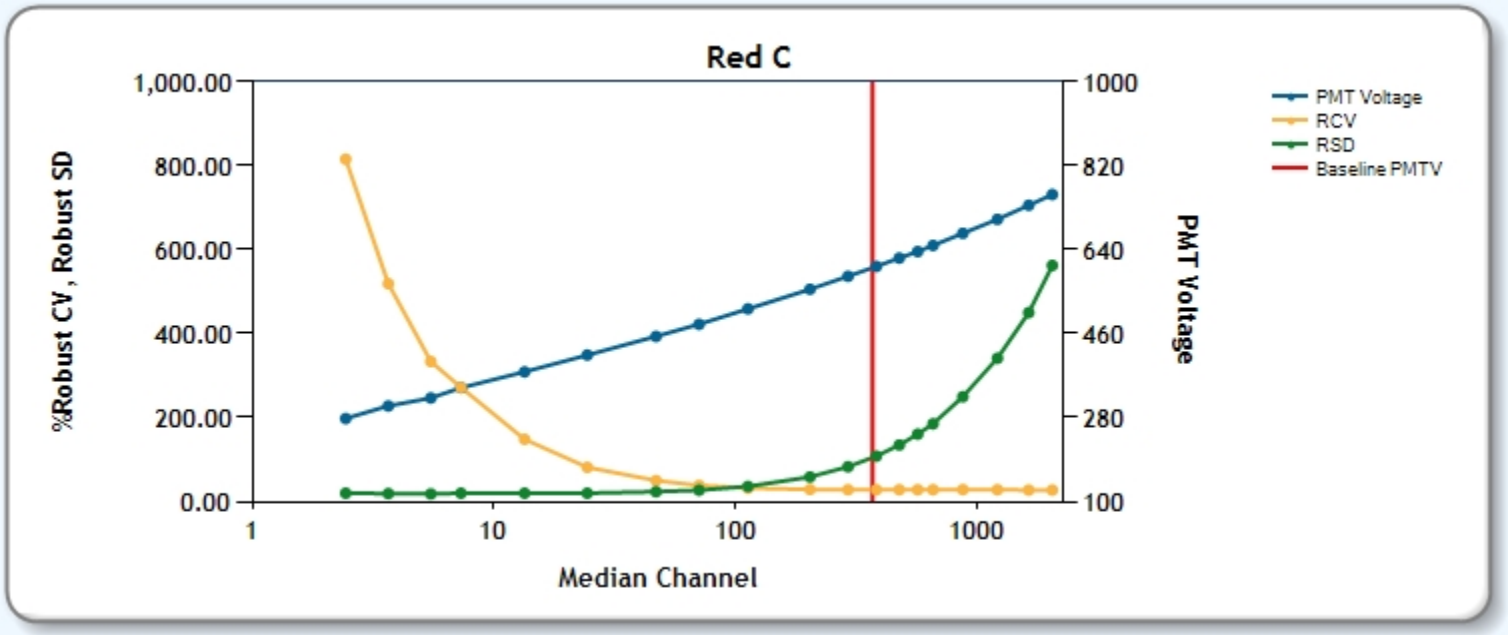

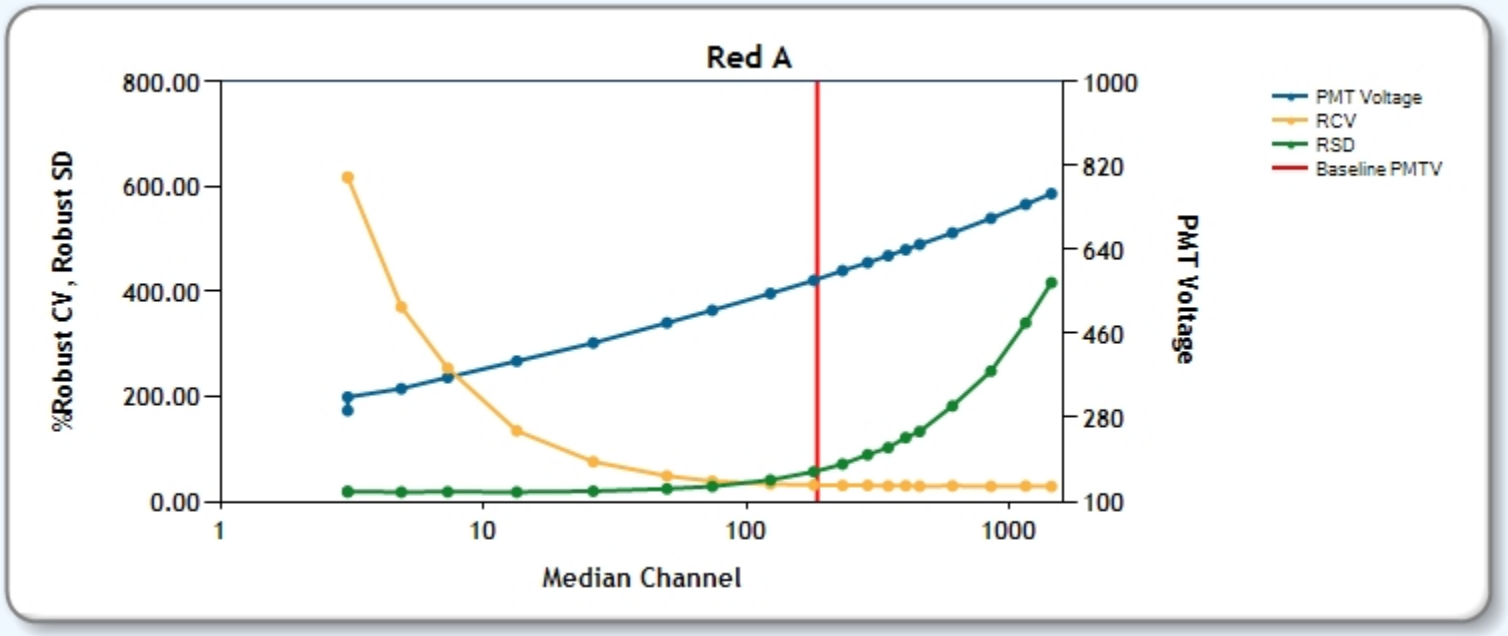

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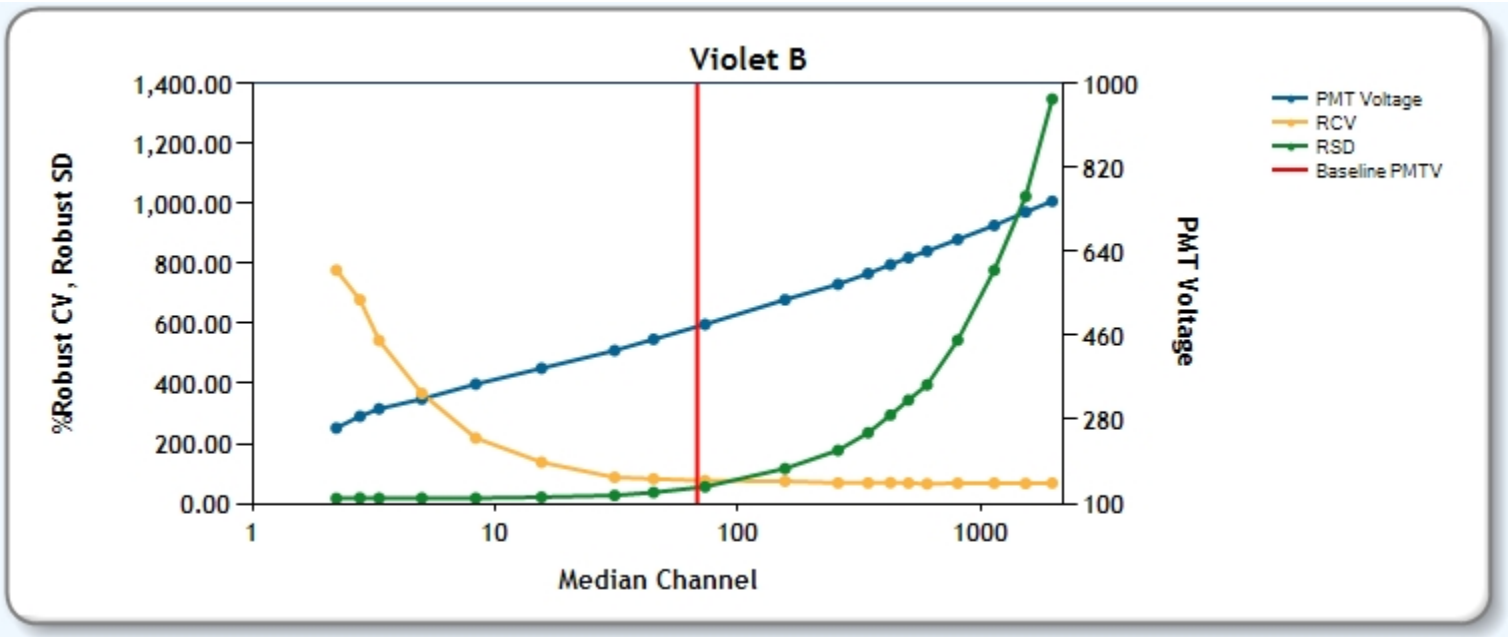

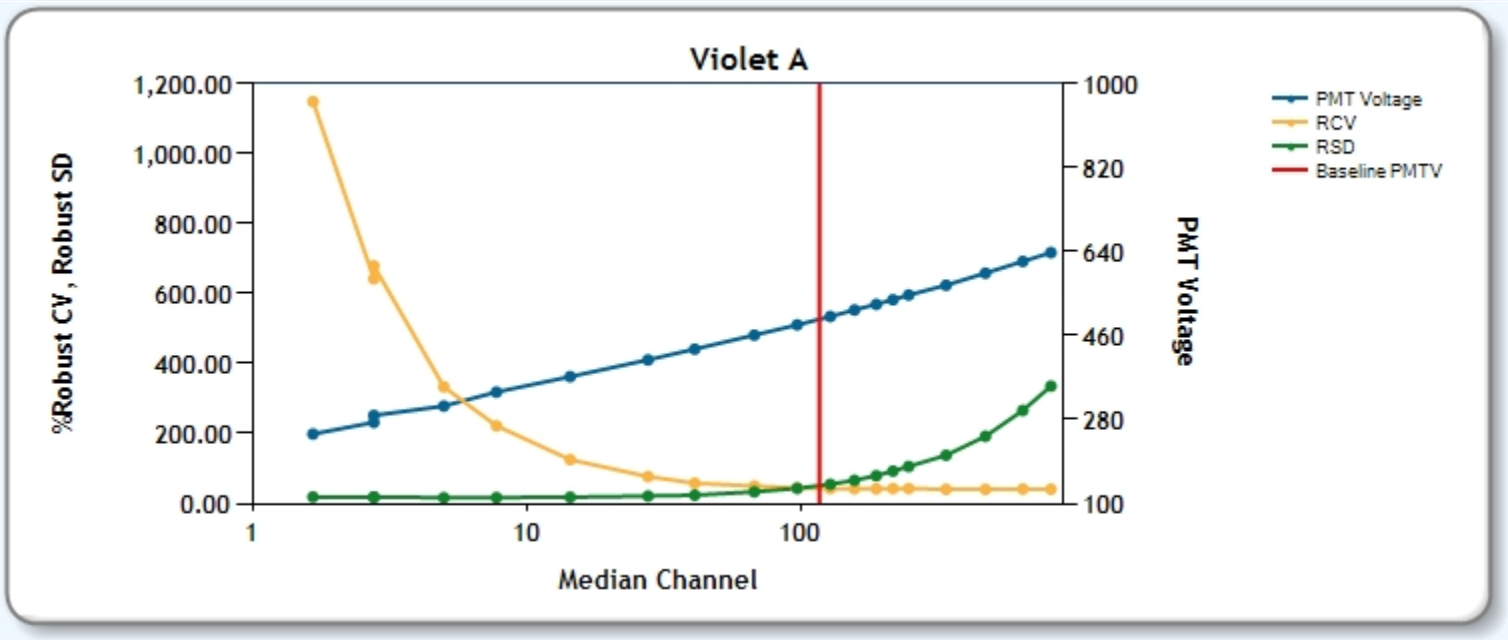

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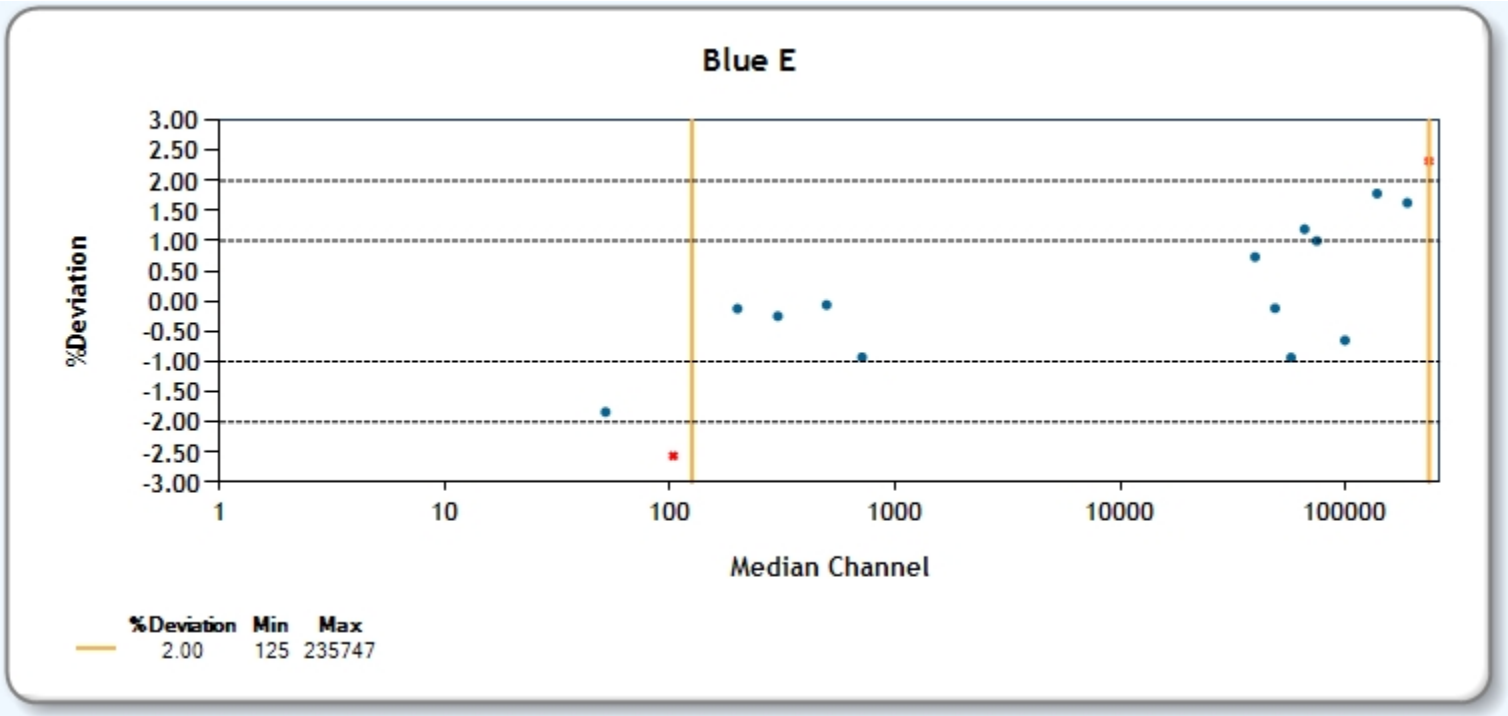
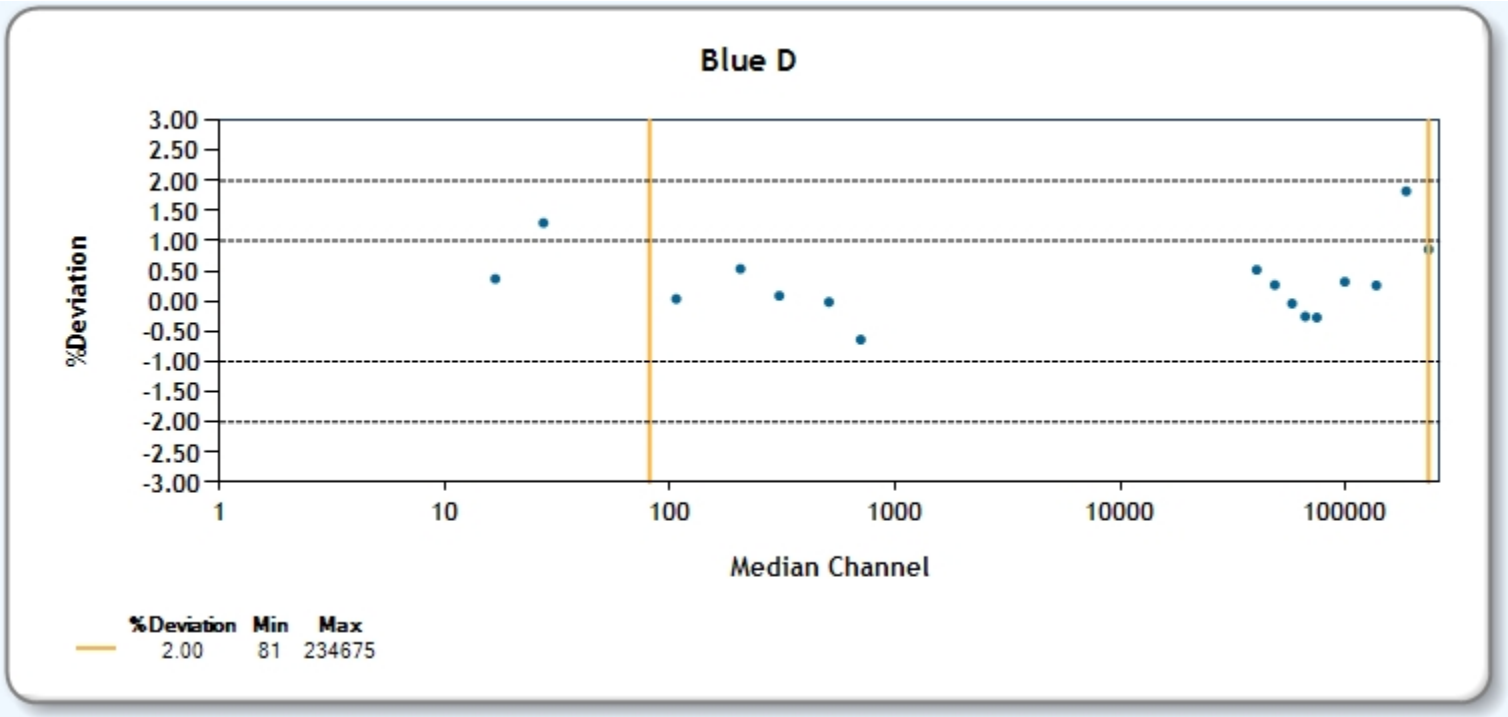
Linearity Results





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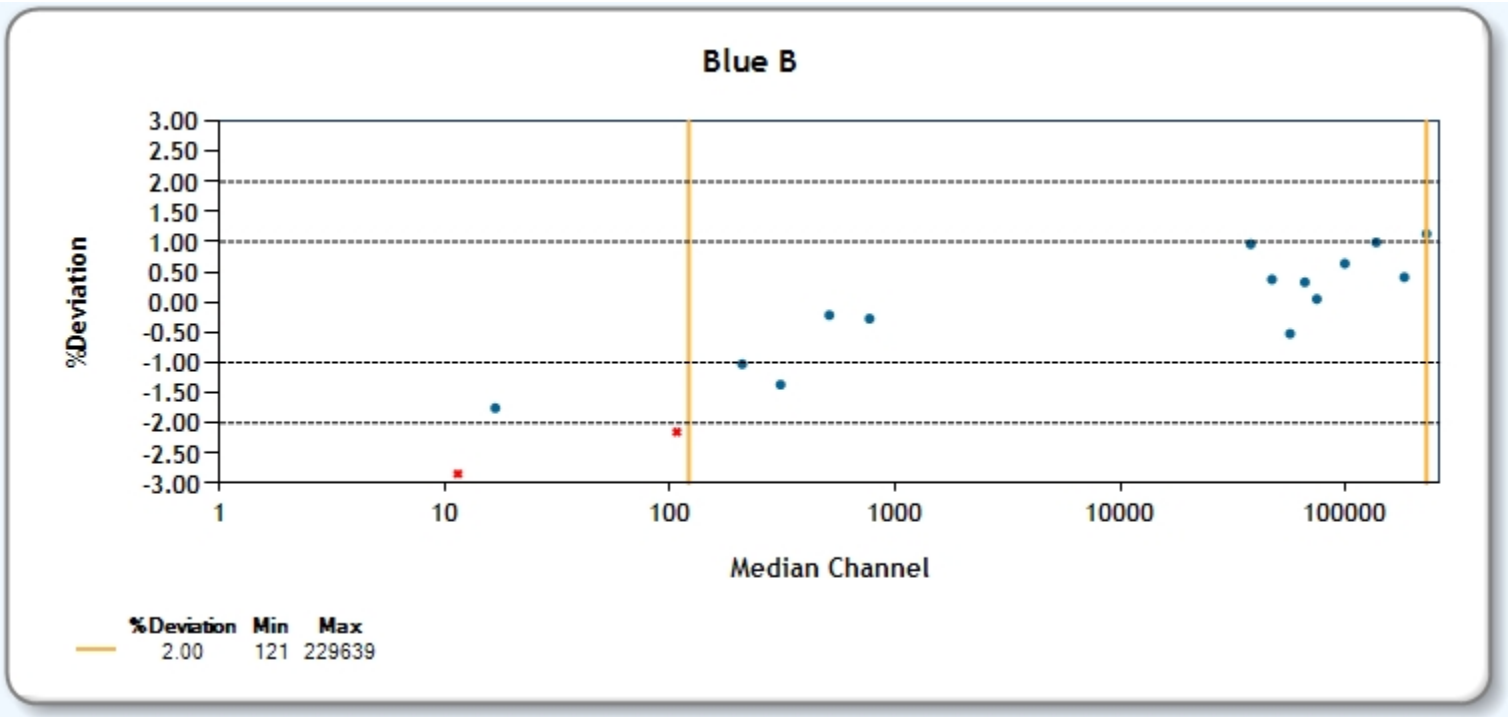

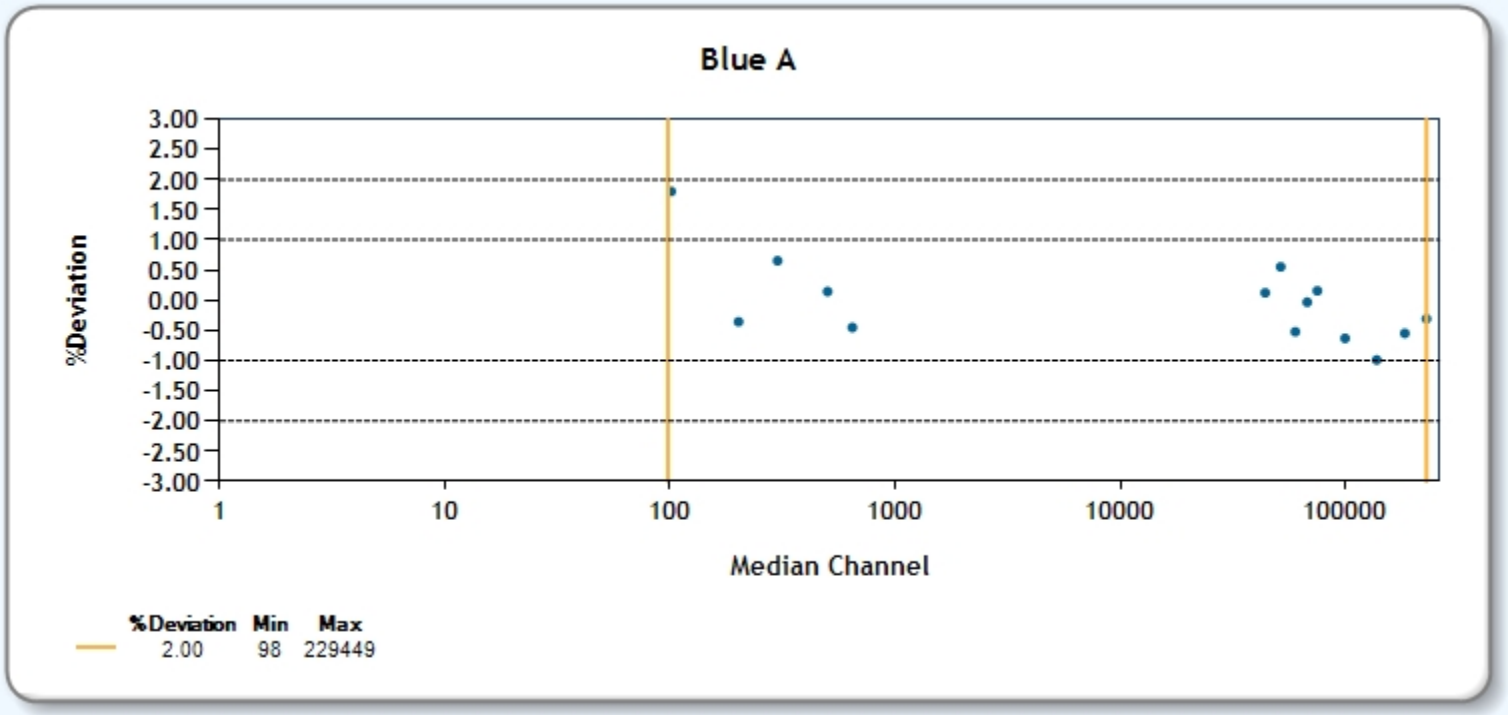

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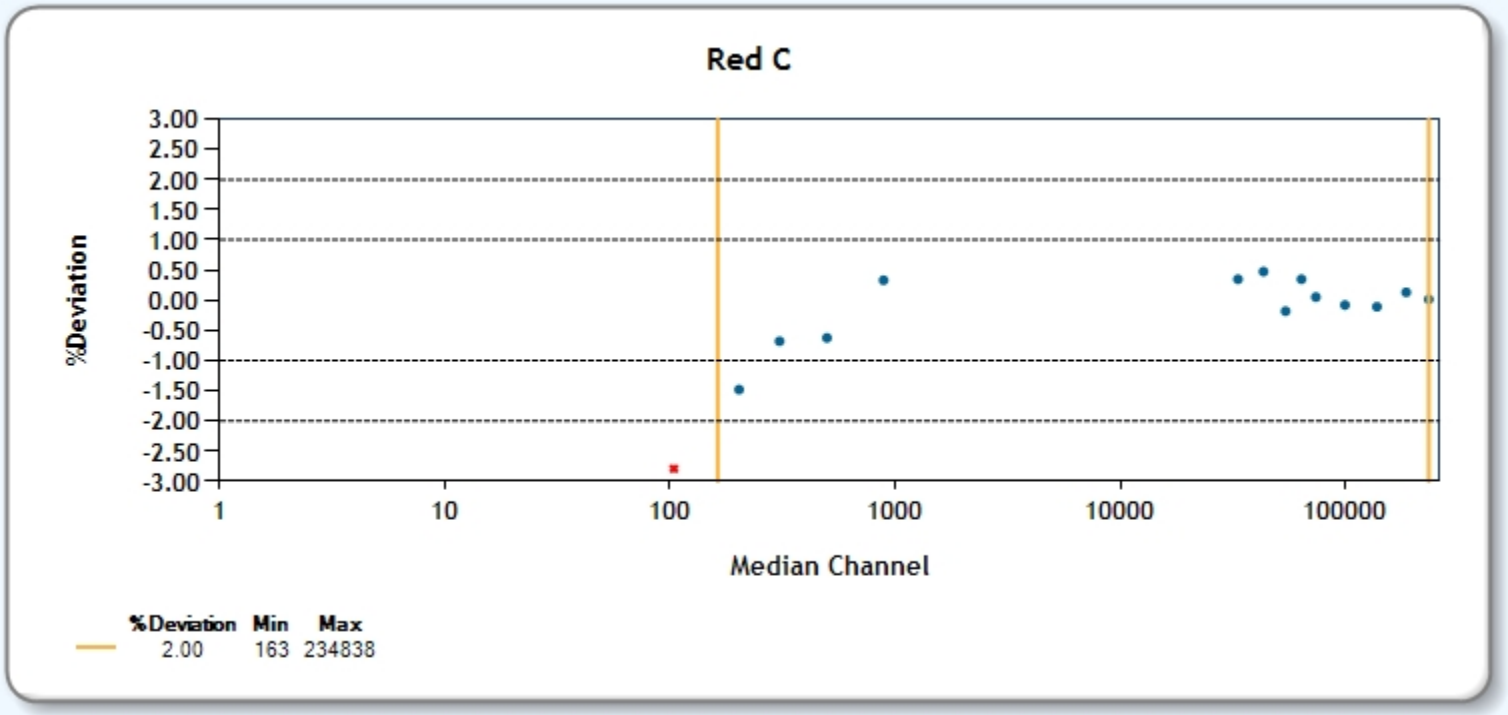

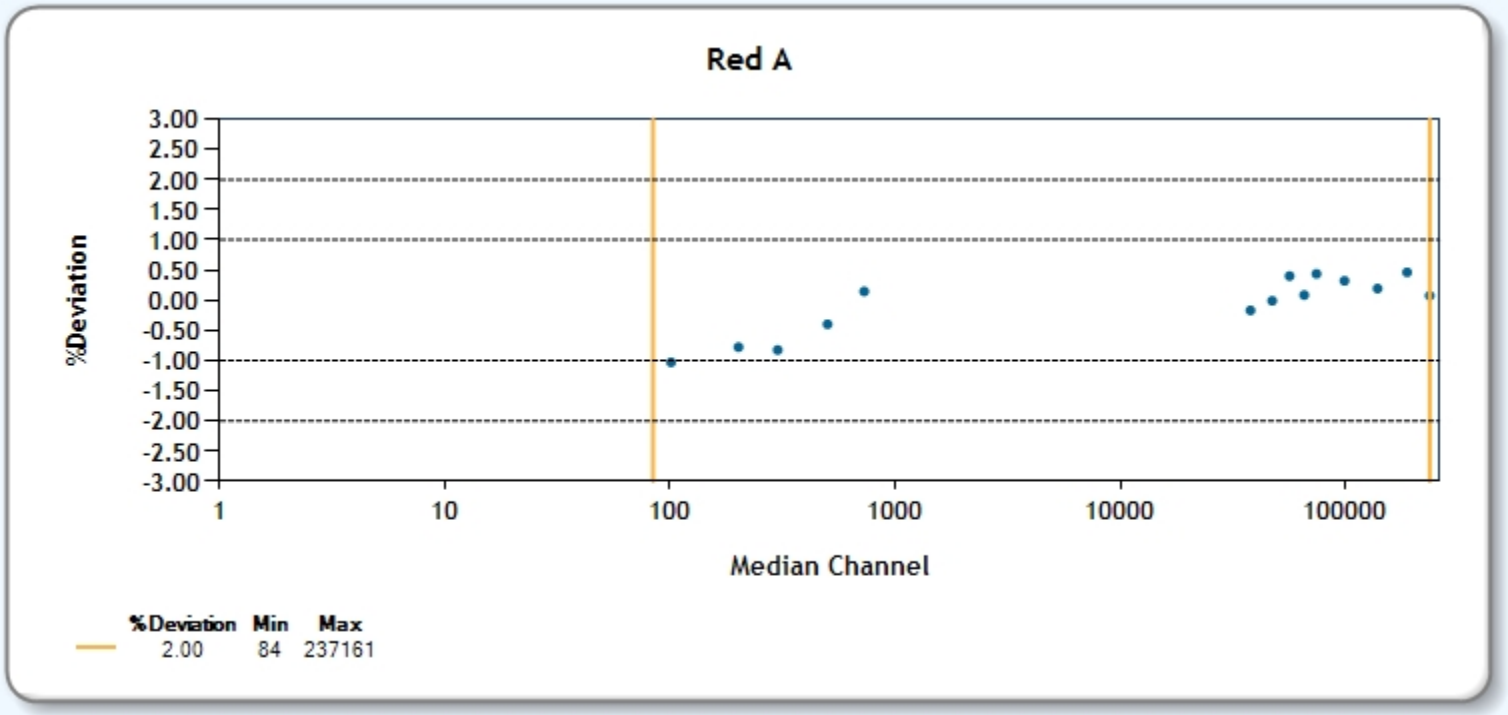

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